

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20050105780").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/21 08:57
L2	4019	gaussian WITH probability	US-PGPUB; USPAT	OR	ON	2007/12/21 08:57
L3	676	(gaussian WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/12/21 08:58
L4	147	(gaussian WITH probability WITH model) AND (normal WITH distribution)	US-PGPUB; USPAT	OR	ON	2007/12/21 08:58
L5	36	(gaussian WITH probability WITH model) SAME (normal WITH distribution)	US-PGPUB; USPAT	OR	ON	2007/12/21 09:43
L6	0	(gaussian WITH probability WITH model) SAME (normal WITH distribution) SAME "x=y+z"	US-PGPUB; USPAT	OR	ON	2007/12/21 09:00
L7	0	(gaussian WITH probability WITH model) SAME "x=y+z"	US-PGPUB; USPAT	OR	ON	2007/12/21 08:59
L8	18	"x=y+z"	US-PGPUB; USPAT	OR	ON	2007/12/21 08:59
L14	0	("x" = "y+z")	US-PGPUB; USPAT	OR	ON	2007/12/21 09:02
L15	0	("x = y+z")	US-PGPUB; USPAT	OR	ON	2007/12/21 09:02
L16	0	"x = y+z"	US-PGPUB; USPAT	OR	ON	2007/12/21 09:02
L17	1	(gaussian WITH probability WITH model) SAME (class WITH identity WITH view WITH pose)	US-PGPUB; USPAT	OR	ON	2007/12/21 09:44
L18	1	(gaussian WITH probability WITH model) SAME (identity WITH pose)	US-PGPUB; USPAT	OR	ON	2007/12/21 09:44
L19	7	(gaussian WITH probability WITH model) AND (identity WITH pose)	US-PGPUB; USPAT	OR	ON	2007/12/21 11:05
L20	3	(gaussian WITH probability WITH model) AND (face WITH identity) SAME ( face WITH pose)	US-PGPUB; USPAT	OR	ON	2007/12/21 11:06
L21	851	(382/118).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:31
L22	364	(382/228).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
L23	230	(382/226).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
L24	1080	(382/305).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32

## EAST Search History

L25	971	(382/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
L26	203	(382/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:33
L27	333	(382/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:33
S1	735	(382/118).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:31
S2	359	(recogniz\$3 OR verify\$3) WITH object WITH digital WITH image	US-PGPUB; USPAT	OR	ON	2007/04/25 13:19
S3	3	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) SAME (digital WITH image WITH object ADJ3 interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:04
S4	6	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) SAME (digital WITH image WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:29
S5	34	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND (digital WITH image WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:30
S6	2	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND (digital WITH image WITH object WITH interest) AND (detect\$3 AND normaliz\$3 WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:07
S8	1	(digital WITH image WITH object WITH interest) AND (detect\$3 AND normaliz\$3 WITH object WITH interest) AND (extract\$3 WITH plurality WITH feature)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:11
S9	0	extract\$3 WITH plurality WITH feature WITH normaliz WITH object	US-PGPUB; USPAT	OR	ON	2007/04/25 13:13
S10	2	extract\$3 WITH plurality WITH feature WITH normalization WITH object	US-PGPUB; USPAT	OR	ON	2007/04/25 13:19
S11	1	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND (additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:25
S12	31	(additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:24
S13	0	(additive WITH probability WITH model) AND (select WITH class WITH highest WITH probability)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:24

## EAST Search History

S14	0	(additive WITH probability WITH model AND class WITH highest WITH probability)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:25
S15	1	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND (additive WITH gaussian WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:26
S16	24	(additive WITH gaussian WITH model) AND (digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:55
S17	545	(automatic WITH face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:56
S18	93	(automatic WITH face WITH recognition) AND (input WITH digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 13:57
S19	7	(automatic WITH face WITH recognition) AND (input WITH digital WITH image) AND (detect\$3 WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:01
S20	0	(automatic WITH face WITH recognition) AND (input WITH digital WITH image) AND (detect\$3 WITH object WITH interest) AND (normaliz\$3 WITH extract\$3)	US-PGPUB; USPAT	OR	ON	2007/04/26 11:04
S21	5	(automatic WITH face WITH recognition) AND (input WITH digital WITH image) AND (detect\$3 WITH object WITH interest) AND normaliz\$3	US-PGPUB; USPAT	OR	ON	2007/04/25 14:05
S22	57	digital WITH image WITH contain\$3 WITH object WITH interest	US-PGPUB; USPAT	OR	ON	2007/04/25 14:06
S23	31	(digital WITH image WITH contain\$3 WITH object WITH interest) AND (detect\$3 WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:11
S25	2	(digital WITH image WITH contain\$3 WITH object WITH interest) AND (detect\$3 WITH object WITH interest) AND (normaliz\$3 WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:09
S26	0	(digital WITH image WITH contain\$3 WITH object WITH interest) AND (detect\$3 WITH object WITH interest) AND (automatic WITH face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:12

## EAST Search History

S27	3	(digital WITH image WITH contain\$3 WITH object WITH interest) AND (detect\$3 WITH object WITH interest) AND ( face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 14:12
S28	1	("6873713").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/25 14:30
S29	389	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) OR (additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:09
S30	1	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) SAME (additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:09
S31	1	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND (additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:09
S32	1	((recogniz\$3 OR verify\$3) WITH object WITH digital WITH image) AND ( (additive WITH probability WITH model) OR (additive WITH Gaussian WITH model))	US-PGPUB; USPAT	OR	ON	2007/04/25 17:10
S33	232	( (additive WITH probability WITH model) OR (additive WITH Gaussian WITH model))	US-PGPUB; USPAT	OR	ON	2007/04/25 17:10
S34	3	( (additive WITH probability WITH model) OR (additive WITH Gaussian WITH model)) AND (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:12
S35	3	(additive WITH probability WITH model) AND (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:13
S36	8	(additive WITH probability WITH model) AND (digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:16
S37	1	(additive WITH probability WITH model) AND (verifying WITH object WITH digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:14
S38	215	additive WITH gaussian WITH model	US-PGPUB; USPAT	OR	ON	2007/04/25 17:17
S39	1	(additive WITH gaussian WITH model) AND (face WITH recognition WITH digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:18
S40	1	(additive WITH gaussian WITH model) AND ( recognition WITH digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:18

## EAST Search History

S41	1	(additive WITH gaussian WITH model) AND ( face WITH digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:22
S42	0	382/228.ccls. AND (additive WITH probability WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:23
S43	0	382/228.ccls. AND (additive WITH gaussian WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:23
S44	343	(382/228).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
S45	0	(additive WITH probability WITH model) AND recognition	US-PGPUB; USPAT	OR	ON	2007/04/25 17:25
S46	0	(additive WITH probability WITH model) AND recogniz\$3	US-PGPUB; USPAT	OR	ON	2007/04/25 17:25
S47	0	(additive WITH probability WITH model) AND face	US-PGPUB; USPAT	OR	ON	2007/04/25 17:25
S48	20	(additive WITH probability WITH model) AND recogniz\$3	US-PGPUB; USPAT	OR	ON	2007/04/25 17:26
S49	11	(additive WITH probability WITH model) AND (recogniz\$3 AND object)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:30
S50	4	(additive WITH probability WITH model) AND (recogniz\$3 AND object AND digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:30
S51	3	(additive WITH probability WITH model) AND (recogniz\$3 WITH object AND digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:32
S52	1	(additive ADJ gaussian ADJ model) AND (recogniz\$3 WITH object AND digital WITH image)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:33
S53	5	(additive ADJ gaussian ADJ model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:35
S54	1	(additive ADJ probability ADJ model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:35
S55	1	(additive NEAR2 probability NEAR2 model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:36
S56	44	(additive NEAR2 gaussian NEAR2 model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:36
S57	1	(additive NEAR2 gaussian NEAR2 model) SAME (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:36
S58	1	(additive NEAR2 gaussian NEAR2 model) AND (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:37
S59	1	(additive NEAR2 gaussian NEAR2 model) AND (face AND recognition)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:37

## EAST Search History

S60	6	additive WITH gaussian WITH model AND face AND recognition	US-PGPUB; USPAT	OR	ON	2007/04/25 17:39
S61	4	additive WITH gaussian WITH model AND face AND recognition AND digital AND image	US-PGPUB; USPAT	OR	ON	2007/04/25 17:41
S62	149	face WITH recognition WITH digital WITH image	US-PGPUB; USPAT	OR	ON	2007/04/25 17:42
S63	61	face WITH recognition WITH digital WITH image AND (probability OR statistic\$3 OR gaussian)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:43
S64	1	face WITH recognition WITH digital WITH image AND (probability OR statistic\$3 OR gaussian) AND additive	US-PGPUB; USPAT	OR	ON	2007/04/25 17:43
S65	46	face WITH recognition WITH digital WITH image AND (probability OR statistic\$3 OR gaussian) AND model	US-PGPUB; USPAT	OR	ON	2007/04/25 17:45
S66	40	face WITH recognition WITH digital WITH image AND (probability OR statistic\$3 OR gaussian) AND (addit\$3 AND model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:47
S67	1	(face WITH recognition WITH digital WITH image) SAME (probability OR statistic\$3 OR gaussian) AND (addit\$3 AND model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:47
S68	2	(face WITH recognition WITH digital WITH image) AND ((probability OR statistic\$3 OR gaussian)) SAME (addit\$3 AND model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:51
S69	15	(face WITH recognition WITH digital WITH image) AND ((probability OR gaussian) WITH model)	US-PGPUB; USPAT	OR	ON	2007/04/25 17:52
S71	13	(face WITH recognition WITH digital WITH image) AND ((probability OR gaussian) WITH model AND addit\$3 )	US-PGPUB; USPAT	OR	ON	2007/04/25 17:54
S72	1	(face WITH recognition WITH digital WITH image) AND ((probability OR gaussian) WITH model WITH (additive OR additional))	US-PGPUB; USPAT	OR	ON	2007/04/26 10:59
S73	1	("20050105780").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/26 10:59
S74	9	(digital WITH image WITH object WITH interest) AND (detect\$3 AND normaliz\$3 WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/26 11:03

## EAST Search History

S75	2	(digital WITH image WITH contain\$3 WITH object WITH interest) AND (detect\$3 WITH object WITH interest) AND (normalizing WITH object WITH interest)	US-PGPUB; USPAT	OR	ON	2007/04/26 11:04
S76	51	face WITH recognition WITH probability	US-PGPUB; USPAT	OR	ON	2007/04/26 15:00
S77	0	(face WITH recognition WITH probability) SAME (class WITH multiple WITH probability)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:01
S78	0	(face WITH recognition WITH probability) SAME (class WITH multiple WITH probability)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:01
S79	0	(face WITH recognition WITH probability) AND (class WITH multiple WITH probability)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:01
S80	0	(face WITH recognition WITH multiple WITH probability WITH class)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:02
S81	3	(face WITH recognition AND multiple WITH probability WITH class)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:04
S82	0	(face WITH recognition AND multiple ADJ probability WITH class)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:05
S83	8	multiple ADJ probability WITH class	US-PGPUB; USPAT	OR	ON	2007/04/26 15:05
S84	0	multiple ADJ probability WITH class AND (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:05
S85	1	multiple ADJ probability WITH class AND face	US-PGPUB; USPAT	OR	ON	2007/04/26 15:23
S86	211	probability WITH variance WITH value WITH mean	US-PGPUB; USPAT	OR	ON	2007/04/26 15:23
S87	0	probability WITH variance WITH value WITH mean SAME (face WITH recognition)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:24
S88	6	probability WITH variance WITH value WITH mean SAME recognition	US-PGPUB; USPAT	OR	ON	2007/04/26 15:24
S89	0	probability WITH variance WITH value WITH mean SAME face SAME recognition	US-PGPUB; USPAT	OR	ON	2007/04/26 15:24
S90	0	probability WITH variance WITH value WITH mean SAME face AND recognition	US-PGPUB; USPAT	OR	ON	2007/04/26 15:24
S91	6	probability WITH variance WITH value WITH mean SAME recognition	US-PGPUB; USPAT	OR	ON	2007/04/26 15:46

## EAST Search History

S92	0	(face WITH recognition) SAME (set WITH independent WITH feature WITH discriminat\$3 WITH classes)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:48
S93	1	(face WITH recognition) AND (set WITH independent WITH feature WITH discriminat\$3 WITH classes)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:48
S94	1	(face WITH recognition) AND (set SAME independent SAME feature SAME discriminat\$3 WITH classes)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:49
S95	1	(face WITH recognition) AND (set SAME independent SAME feature SAME discriminat\$3 SAME classes)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:49
S96	26	(face WITH recognition) AND (set SAME independent AND feature SAME discriminat\$3 SAME classes)	US-PGPUB; USPAT	OR	ON	2007/04/26 15:49
S97	736	(382/224).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/26 16:53
S98	223	(382/226).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
S99	963	(382/305).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
S10 0	844	(382/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:32
S10 1	184	(382/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:33
S10 2	293	(382/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/12/21 13:33
S10 3	1	("20040264780").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/26 16:55
S10 4	1	("6873713").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/26 16:56
S10 5	1	("20020122596").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/26 16:56
S10 6	1	("20060187305").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/26 16:57
S10 7	1	("20050105780").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/20 16:37